A U T O ***L I G H T*** - High Frequency Motion Detector For Luminaires

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AUTO*LIGHT*

HF-MOTION DETECTION FOR LUMINAIRES

AUTO***LIGHT*** is an innovative, compact sized HF-motion detector. It is versatile, enables different flexible settings and can be adapted easily to your individual needs.

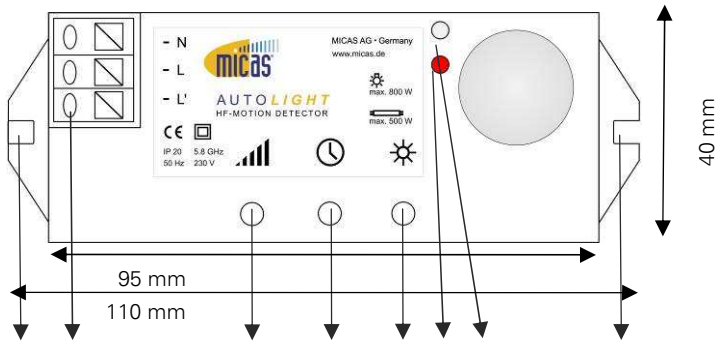
Advantages of the sensor:

- 5.8 GHz High Frequency Sensor (RADAR) for motion detection
- Maximum detection range up to 10 m
- Easy setup via touchbuttons for range / sensitivity, hold time and daylight sensor
- Innovative teach mode for daylight sensor
- Integrated temperature protection
- Integrated immunity against other sensors within detection distance
- Maximum switchable load of 800 W / 500 W for incandescent lamps / fluorescent lamps
- Fully grouted module for maximum safety
- Customizable factory setup with reset function

- Compatibility with micas master / slave radio solution for luminaires
- Compatibility withz micas nightlight accessories
- Flame retardant casing (PC)

Sketch of AUTO***LIGHT***:

Height (without touch buttons): 23 mm
Height (with touch buttons): 27 mm



Marking	Description
a)	Mounting lug
b)	Connection terminal
c)	Touch button “Sensitivity”
d)	Touch button “Hold time”
e)	Touch button “Twilight”
f)	Red indicator LED
g)	Twilight sensor

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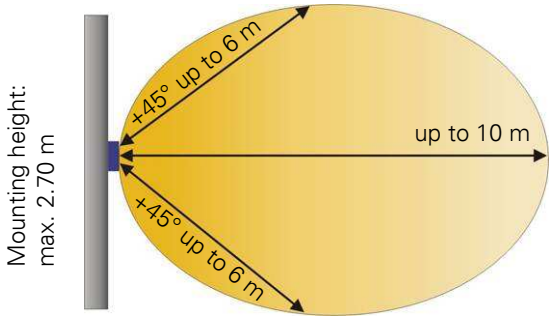
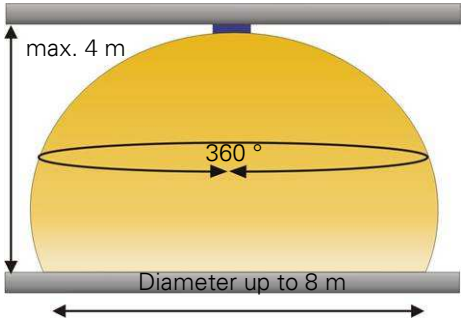
DETECTION FIELD

Wall mounting



Ceiling mounting:



Mounting example inside a luminaire:

TECHNICAL DATA

Power:	
Operating voltage	230 V +/- 10%, 50 Hz
Switched power	800 W (incandescent lamps) 500 W (fluorescent lamps)
Interface	3 pole pluggable terminal block (N, L, L´) for 1.5 mm² cable
Sensor:	
Sensor principle	HF motion detector
HF frequency	5.8 GHz +/- 75 MHz
HF power	< 5 mW
Adjustable functions:	
Sensitivity	20 / 30 / 50 / 75 / 100 %
Hold time	10 / 60 / 180 / 300 / 600 / 900 / 1800 s
Daylight sensor	daylight / 300 lux / 150 lux / twilight / darkness / teach
Operating conditions:	
Mounting height	max. 2.70 m (wall) max. 4.00 m (ceiling)
Operating temperature	-20°C … +70°C
IP rating	IP 20 (mounting inside a lamp)